

I Claim:

1. A reducing agent pump for delivering liquid reducing agent to an exhaust-gas aftertreatment system of an internal combustion engine, comprising:

a cylindrical pump body;

a coil carrier surrounding said pump body and serving to receive an electromagnet;

a piston disposed to execute an axial movement in said pump body when said electromagnetic is being energized;

a pump inlet part and a pump outlet part closing off said pump body at respective ends thereof, at least one of said pump inlet part and said pump outlet part forming a two-piece part having a first element and a closure element; and

a spring element disposed to bias said first element relative to said closure element and to allow a relative movement between said first element and said closure element when a pressure exceeds a spring force of said spring element.

2. The reducing agent pump according to claim 1, wherein at least one of said pump inlet part and said pump outlet part comprises a cylindrical base body forming said first element and projecting into said pump body, and said closure element.

3. The reducing agent pump according to claim 2, wherein said base body is displaceably mounted in said pump body and said closure element is fixedly connected to said coil carrier.

4. The reducing agent pump according to claim 3, wherein said spring element is braced between mutually facing end faces of said base body and said closure element, respectively.

5. The reducing agent pump according to claim 1, wherein said spring element is a spring selected from the group consisting of a cup spring, a spring disc, and a coil spring.

6. The reducing agent pump according to claim 1, wherein said closure element is screwed to said coil carrier.

7. The reducing agent pump according to claim 2, wherein said base body is formed with a connection piece for receiving a reducing agent line.

8. The reducing agent pump according to claim 2, wherein said base body has a periphery formed with a groove and a radial sealing element mounted in said groove, said sealing element establishing a seal in the event of an axial movement of said base body within said pump body.